



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 5

Test Date: March 2009  
Code: 12471699  
SAU: MSAD 53  
School: Warsaw Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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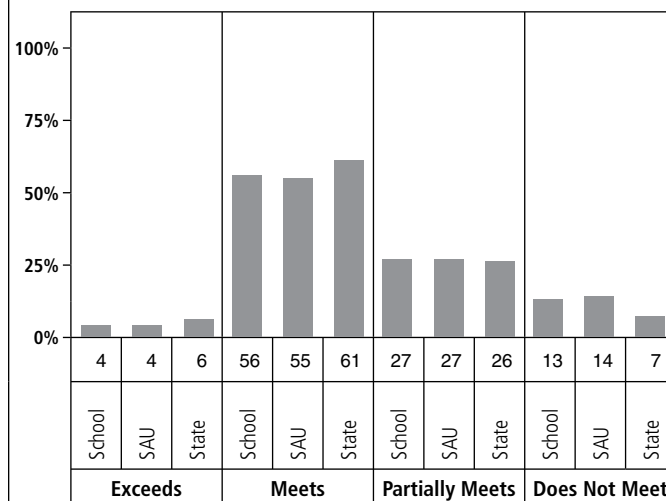
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 5  
SAU: MSAD 53  
School: Warsaw Middle School

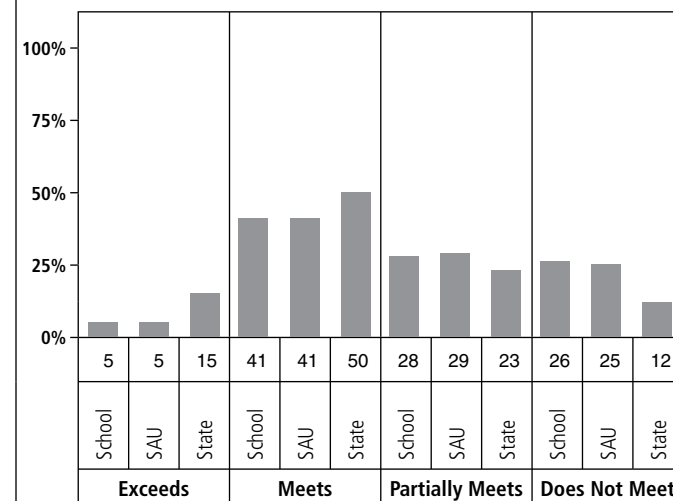
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	538	538	544
2007–2008	543	543	545
<b>2008–2009</b>	<b>543</b>	<b>543</b>	<b>546</b>
Cum. Avg.*	541	541	545
<b>Mathematics</b>			
2006–2007	535	535	546
2007–2008	539	539	546
<b>2008–2009</b>	<b>539</b>	<b>539</b>	<b>547</b>
Cum. Avg.*	538	538	546
<b>Science</b>			
<b>2008–2009 **</b>	<b>540</b>	<b>540</b>	<b>543</b>

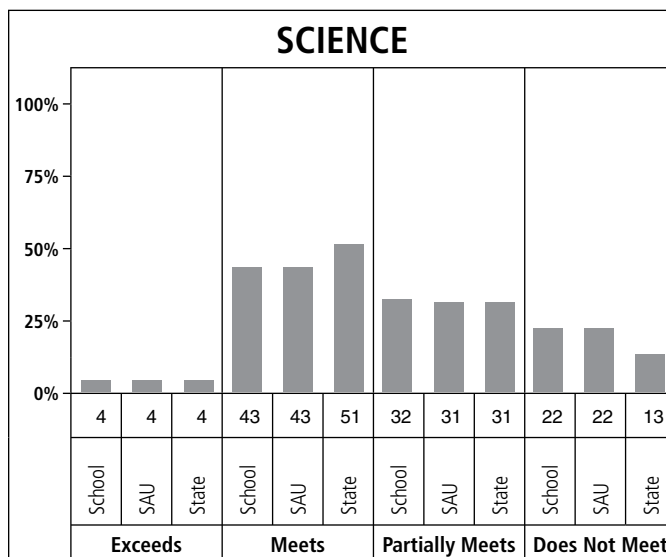
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\*Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 5  
SAU: MSAD 53  
School: Warsaw Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	83	100	84	100	14212	100	83	100	84	100	14135	100	83	100	84	100	14144	100	83	100	84	100	14137	100
<b>Ethnicity</b> African American/Black	1	1	1	1	397	3	1	100	1	100	388	98	1	100	1	100	393	99	1	100	1	100	389	98
American Indian or Native Alaskan	2	2	2	2	110	1	2	100	2	100	110	100	2	100	2	100	110	100	2	100	2	100	110	100
Asian or Pacific Islander	1	1	1	1	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	79	95	80	95	13271	93	79	100	80	100	13212	100	79	100	80	100	13211	100	79	100	80	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	15	18	16	19	2479	17	15	100	16	100	2454	100	15	100	16	100	2455	100	15	100	16	100	2451	99
<b>Current LEP</b>	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
<b>Economically disadvantaged</b>	47	57	48	57	5848	41	47	100	48	100	5815	100	47	100	48	100	5819	100	47	100	48	100	5812	100
<b>Migrant</b>	1	1	1	1	8	0	1	100	1	100	8	100	1	100	1	100	8	100	1	100	1	100	8	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	68	82	68	81	10849	76	69	83	69	82	10872	76	69	83	69	82	10976	77
Identified disability (PET/IEP)	1	1	1	1	298	3	2	3	2	3	307	3	2	3	2	3	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
<b>Participation with accommodations</b>	14	17	15	18	3122	22	13	16	14	17	3124	22	13	16	14	17	3019	21
Identified disability (PET/IEP)	13	93	14	93	1992	64	12	92	13	93	2000	64	12	92	13	93	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	1	7	1	7	907	29	1	8	1	7	886	28	1	8	1	7	826	27
<b>Participation through alternate assessment (PAAP)</b>	1	1	1	1	164	1	1	1	1	1	148	1	1	1	1	1	142	1
Identified disability (PET/IEP)	1	100	1	100	164	100	1	100	1	100	148	100	1	100	1	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
<b>Non-participation – other</b>	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 53  
School: Warsaw Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	2	2	2	2	659	5
	<b>2008-2009</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>836</b>	<b>6</b>
	Cum. Total*	5	2	5	2	2197	5
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	31	38	31	38	7730	55
	2007-2008	43	49	43	49	8195	58
	<b>2008-2009</b>	<b>46</b>	<b>56</b>	<b>46</b>	<b>55</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	120	48	120	48	24420	58
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	34	41	34	41	4182	30
	2007-2008	32	37	32	37	3800	27
	<b>2008-2009</b>	<b>22</b>	<b>27</b>	<b>22</b>	<b>27</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	88	35	88	35	11649	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	17	21	17	21	1419	10
	2007-2008	10	11	10	11	1362	10
	<b>2008-2009</b>	<b>11</b>	<b>13</b>	<b>12</b>	<b>14</b>	<b>973</b>	<b>7</b>
	Cum. Total*	38	15	39	15	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	29.1	60.6	28.8	60.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	14.3	59.6	14.1	58.8	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	14.8	61.7	14.7	61.3	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 53  
 School: Warsaw Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	82	3	4	46	56	22	27	11	13	543	83	4	55	27	14	543	13971	6	61	26	7	546
<b>Ethnicity</b>																						
African American/Black	1										1						381	2	44	31	23	540
American Indian or Native Alaskan	2										2						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	78	3	4	44	56	20	26	11	14	544	79	4	56	25	15	543	13062	6	62	26	6	546
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	14	0	0	3	21	5	36	6	43	533	15	0	20	33	47	532	2290	0	29	47	23	537
No	68	3	4	43	63	17	25	5	7	546	68	4	63	25	7	546	11681	7	67	22	4	548
<b>Current LEP</b>																						
Yes	0										0						354	1	35	34	30	538
No	82	3	4	46	56	22	27	11	13	543	83	4	55	27	14	543	13617	6	61	26	6	546
<b>Economically disadvantaged</b>																						
Yes	47	0	0	22	47	15	32	10	21	540	48	0	46	31	23	539	5716	2	51	35	12	542
No	35	3	9	24	69	7	20	1	3	549	35	9	69	20	3	549	8255	9	67	20	4	548
<b>Migrant</b>																						
Yes	1										1						8	0	38	25	38	538
No	81	3	4	45	56	22	27	11	14	543	82	4	55	27	15	543	13963	6	61	26	7	546
<b>Gender</b>																						
Female	41	0	0	30	73	8	20	3	7	545	41	0	73	20	7	545	6882	8	62	24	6	547
Male	41	3	7	16	39	14	34	8	20	542	42	7	38	33	21	541	7089	4	60	28	8	545
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	1										1						1914	1	41	44	14	540
No	81	3	4	45	56	22	27	11	14	543	82	4	55	27	15	543	12057	7	64	23	6	547
<b>Gifted/talented program</b>																						
Yes	2										2						450	26	72	2	0	557
No	80	1	1	46	58	22	28	11	14	543	81	1	57	27	15	543	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: MSAD 53

School: Warsaw Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	11	0	0	2	22	4	44	3	33	535	11	0	22	44	33	535	4	2	40	34	24	540
B. less than one hour	69	3	5	31	56	16	29	5	9	544	68	5	56	29	9	544	70	6	63	26	6	546
C. one to two hours	19	0	0	13	87	1	7	1	7	547	20	0	81	6	13	545	24	7	61	26	6	546
D. more than two hours	1	0	0	0	0	0	0	1	100	528	1	0	0	0	100	528	2	4	42	33	21	541
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	36	2	7	17	59	7	24	3	10	544	35	7	59	24	10	544	36	10	67	18	5	549
B. good	51	1	2	27	66	11	27	2	5	546	50	2	66	27	5	546	47	5	62	27	6	546
C. fair	11	0	0	2	22	3	33	4	44	533	12	0	20	30	50	531	15	2	47	40	12	541
D. poor	2	0	0	0	0	0	0	2	100	524	2	0	0	0	100	524	2	0	30	46	24	537
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	37	2	7	19	63	6	20	3	10	545	37	7	63	20	10	545	31	9	65	20	5	548
B. They match some of what I have learned.	49	1	3	25	63	8	20	6	15	544	49	3	63	20	15	544	55	5	63	27	5	546
C. They match just a little of what I have learned.	12	0	0	2	20	7	70	1	10	538	12	0	20	70	10	538	10	3	45	38	14	542
D. There is no match.	1	0	0	0	0	0	0	1	100	524	2	0	0	0	100	519	3	1	31	41	27	537
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	15	0	0	5	42	2	17	5	42	536	16	0	38	15	46	534	16	3	49	32	15	542
B. about the same as my regular schoolwork	58	3	7	31	67	10	22	2	4	547	58	7	67	22	4	547	64	7	63	25	5	547
C. easier than my regular schoolwork	27	0	0	10	48	8	38	3	14	540	26	0	48	38	14	540	20	5	62	26	7	546
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	13	0	0	2	20	3	30	5	50	533	14	0	18	27	55	531	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	54	2	5	21	49	15	35	5	12	543	54	5	49	35	12	543	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	33	1	4	22	85	3	12	0	0	549	33	4	85	12	0	549	38	10	68	18	4	549
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	22	1	6	13	72	3	17	1	6	548	22	6	72	17	6	548	20	10	64	21	5	548
B. 20 minutes to an hour	38	2	6	19	61	7	23	3	10	545	39	6	59	22	13	544	56	7	65	24	5	547
C. less than 20 minutes	15	0	0	4	33	4	33	4	33	537	15	0	33	33	33	537	10	3	52	33	12	543
D. I rarely read at home.	25	0	0	10	50	7	35	3	15	540	24	0	50	35	15	540	14	1	46	38	14	541
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	27	1	5	10	48	7	33	3	14	543	28	5	45	32	18	542	25	3	53	33	11	543
B. six to ten pages	29	0	0	12	52	6	26	5	22	541	29	0	52	26	22	541	26	6	61	26	7	546
C. eleven or more pages	44	2	6	24	69	6	17	3	9	546	44	6	69	17	9	546	49	8	65	23	5	547
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	33	0	0	0	0	0	0	1	100	526	33	0	0	0	100	526						
C.	67	0	0	1	50	1	50	0	0	542	67	0	50	50	0	542						
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 53  
School: Warsaw Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	0	0	0	0	1711	12
	2007-2008	4	5	4	5	1617	12
	<b>2008-2009</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	8	3	8	3	5447	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	23	28	23	28	6778	48
	2007-2008	40	46	40	46	7284	52
	<b>2008-2009</b>	<b>34</b>	<b>41</b>	<b>34</b>	<b>41</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	97	39	97	38	21108	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	38	46	38	46	3884	28
	2007-2008	22	25	22	25	3341	24
	<b>2008-2009</b>	<b>23</b>	<b>28</b>	<b>24</b>	<b>29</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	83	33	84	33	10418	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	21	26	21	26	1683	12
	2007-2008	21	24	21	24	1778	13
	<b>2008-2009</b>	<b>21</b>	<b>26</b>	<b>21</b>	<b>25</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	63	25	63	25	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	21.1	44.0	21.0	43.8	25.5	53.1
<b>A. Number</b>	<b>18</b>	<b>38</b>	7.6	42.2	7.6	42.2	9.8	54.4
<b>B. Data</b>	<b>10</b>	<b>21</b>	4.6	46.0	4.6	46.0	5.2	52.0
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	4.0	40.0	4.0	40.0	4.7	47.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	4.8	48.0	4.8	48.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 53  
 School: Warsaw Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	82	4	5	34	41	23	28	21	26	539	83	5	41	29	25	539	13996	15	50	23	12	547
<b>Ethnicity</b>																						
African American/Black	1										1						385	6	35	28	30	537
American Indian or Native Alaskan	2										2						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	78	4	5	32	41	23	29	19	24	539	79	5	41	30	24	539	13078	15	51	23	11	547
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	14	0	0	2	14	6	43	6	43	528	15	0	13	47	40	529	2307	3	32	32	33	536
No	68	4	6	32	47	17	25	15	22	541	68	6	47	25	22	541	11689	17	54	21	8	549
<b>Current LEP</b>																						
Yes	0										0						365	5	33	30	32	536
No	82	4	5	34	41	23	28	21	26	539	83	5	41	29	25	539	13631	15	51	23	11	547
<b>Economically disadvantaged</b>																						
Yes	47	1	2	15	32	16	34	15	32	535	48	2	31	35	31	535	5731	7	46	29	18	542
No	35	3	9	19	54	7	20	6	17	544	35	9	54	20	17	544	8265	21	53	19	7	550
<b>Migrant</b>																						
Yes	1										1						8	0	38	50	13	540
No	81	4	5	33	41	23	28	21	26	539	82	5	40	29	26	539	13988	15	50	23	12	547
<b>Gender</b>																						
Female	41	1	2	14	34	16	39	10	24	538	41	2	34	39	24	538	6889	14	51	23	12	546
Male	41	3	7	20	49	7	17	11	27	540	42	7	48	19	26	540	7107	16	50	23	11	547
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	1										1						1918	3	39	36	22	539
No	81	4	5	34	42	22	27	21	26	539	82	5	41	28	26	539	12078	17	52	21	10	548
<b>Gifted/talented program</b>																						
Yes	2										2						450	64	34	2	0	564
No	80	3	4	33	41	23	29	21	26	538	81	4	41	30	26	538	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: MSAD 53

School: Warsaw Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	11	0	0	3	33	3	33	3	33	534	11	0	33	33	33	534	4	8	38	26	28	539
B. less than one hour	69	1	2	24	44	16	29	14	25	538	68	2	44	29	25	538	70	15	52	23	10	547
C. one to two hours	19	3	20	6	40	4	27	2	13	547	20	19	38	31	13	547	24	15	51	23	11	547
D. more than two hours	1	0	0	0	0	0	0	1	100	502	1	0	0	0	100	502	2	9	37	24	30	539
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	30	3	13	13	54	4	17	4	17	548	30	12	52	20	16	547	34	28	50	14	8	552
B. good	51	1	2	15	37	14	34	11	27	536	50	2	37	34	27	536	45	11	54	24	10	546
C. fair	19	0	0	5	33	5	33	5	33	532	18	0	33	33	33	532	18	3	45	33	19	540
D. poor	1	0	0	0	0	0	0	1	100	528	1	0	0	0	100	528	3	1	29	41	29	535
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	28	2	9	10	43	6	26	5	22	539	28	9	43	26	22	539	38	22	52	19	7	550
B. They match some of what I have learned.	64	2	4	21	40	16	31	13	25	540	65	4	40	32	25	539	48	12	53	24	11	546
C. They match just a little of what I have learned.	6	0	0	1	20	1	20	3	60	530	6	0	20	20	60	530	11	6	40	30	24	540
D. There is no match.	1	0	0	1	100	0	0	0	0	542	1	0	100	0	0	542	3	6	26	29	38	534
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	18	0	0	5	36	5	36	4	29	533	19	0	33	40	27	533	17	7	42	30	21	540
B. about the same as my regular schoolwork	69	2	4	24	44	15	27	14	25	539	68	4	44	27	25	539	64	15	53	23	10	547
C. easier than my regular schoolwork	14	2	18	4	36	3	27	2	18	547	14	18	36	27	18	547	19	24	49	17	10	550
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	9	0	0	1	14	2	29	4	57	532	9	0	14	29	57	532	7	6	39	27	27	539
B. 30–45 minutes	37	0	0	11	37	12	40	7	23	537	38	0	35	42	23	537	28	9	49	28	15	544
C. 45–60 minutes	51	4	10	21	51	9	22	7	17	544	50	10	51	22	17	544	41	17	53	21	9	548
D. more than 60 minutes	4	0	0	0	0	0	0	3	100	503	4	0	0	0	100	503	24	21	51	20	8	549
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	1	0	0	0	0	0	0	1	100	528	1	0	0	0	100	528	6	14	43	24	20	543
B. two or three days a week	30	1	4	12	50	4	17	7	29	537	29	4	50	17	29	537	24	17	52	21	10	548
C. two or three times each month	26	2	10	8	38	7	33	4	19	544	26	10	38	33	19	544	33	17	52	21	9	548
D. never or almost never	43	1	3	13	37	12	34	9	26	537	44	3	36	36	25	537	38	12	49	25	14	545
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	15	0	0	1	8	6	50	5	42	526	15	0	8	50	42	526	23	13	47	26	15	545
B. two or three days a week	36	2	7	15	52	8	28	4	14	545	35	7	52	28	14	545	31	17	52	21	10	548
C. two or three times each month	23	1	5	8	42	2	11	8	42	536	24	5	40	15	40	536	27	17	52	21	10	548
D. never or almost never	26	1	5	9	43	7	33	4	19	540	26	5	43	33	19	540	20	12	50	24	14	545
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	33	0	0	0	0	1	100	0	0	538	33	0	0	100	0	538						
C.	67	1	50	0	0	1	50	0	0	552	67	50	0	50	0	552						
D.	0										0											

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 53  
School: Warsaw Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	3	4	3	4	626	4
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	35	43	36	43	7187	51
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	26	32	26	31	4364	31
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	18	22	18	22	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	48	100	27.3	56.9	27.3	56.9	29.2	60.8
<b>D. The Physical Setting</b>	24	50	12.2	50.8	12.3	51.3	12.9	53.8
<b>E. The Living Environment</b>	24	50	15.0	62.5	15.1	62.9	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 53  
School: Warsaw Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	82	3	4	35	43	26	32	18	22	540	83	4	43	31	22	540	13995	4	51	31	13	543
<b>Ethnicity</b>																						
African American/Black	1										1						382	2	31	32	35	535
American Indian or Native Alaskan	2										2						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	78	3	4	33	42	24	31	18	23	540	79	4	43	30	23	540	13080	5	52	31	12	544
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	14	0	0	4	29	6	43	4	29	536	15	0	33	40	27	537	2309	2	29	39	29	536
No	68	3	4	31	46	20	29	14	21	541	68	4	46	29	21	541	11686	5	56	30	10	545
<b>Current LEP</b>																						
Yes	0										0						361	1	23	32	44	533
No	82	3	4	35	43	26	32	18	22	540	83	4	43	31	22	540	13634	5	52	31	12	544
<b>Economically disadvantaged</b>																						
Yes	47	0	0	18	38	17	36	12	26	539	48	0	40	35	25	539	5729	2	42	37	20	539
No	35	3	9	17	49	9	26	6	17	542	35	9	49	26	17	542	8266	6	58	27	8	546
<b>Migrant</b>																						
Yes	1										1						8	0	25	13	63	530
No	81	3	4	35	43	26	32	17	21	540	82	4	44	32	21	540	13987	4	51	31	13	543
<b>Gender</b>																						
Female	41	0	0	17	41	16	39	8	20	539	41	0	41	39	20	539	6886	4	49	33	14	542
Male	41	3	7	18	44	10	24	10	24	542	42	7	45	24	24	542	7109	5	54	29	12	544
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	1										1						1917	1	31	41	28	536
No	81	3	4	35	43	26	32	17	21	540	82	4	44	32	21	541	12078	5	55	30	11	544
<b>Gifted/talented program</b>																						
Yes	2										2						450	25	72	2	1	557
No	80	2	3	34	43	26	33	18	23	540	81	2	43	32	22	540	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: MSAD 53

School: Warsaw Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b> A. none B. less than one hour C. one to two hours D. more than two hours	11 69 19 1	0 2 1 0	0 4 7 0	3 24 8 0	33 44 53 0	5 18 3 0	56 33 20 0	1 11 20 1	11 20 20 100	540 540 545 528	11 68 20 1	0 4 6 0	33 44 56 0	56 33 19 0	11 20 19 100	540 540 545 528	4 70 24 2	2 4 5 4	37 53 51 39	35 31 31 31	25 12 12 26	538 544 544 539
<b>Which of the following best describes how you rate yourself as a student in science?</b> A. very good B. good C. fair D. poor	21 64 15 0	1 2 0 0	6 4 0 0	10 21 4 0	59 40 33 0	3 19 4 0	18 37 33 0	3 10 4 0	18 19 33 0	544 540 537 0	21 65 15 0	6 4 0 0	59 42 33 0	18 36 33 0	18 19 33 0	544 541 537 0	26 53 18 3	7 4 2 1	56 53 41 33	26 31 39 36	11 11 17 30	545 544 540 536
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b> A. The questions on the test match what I have learned in science class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	17 60 17 5	0 3 0 0	0 6 0 0	6 22 6 1	43 45 43 25	6 14 5 1	43 29 36 25	2 10 3 2	14 20 21 50	540 542 538 532	17 60 17 6	0 6 0 0	43 45 43 40	43 29 36 20	14 20 21 40	540 542 538 536	23 48 23 6	5 5 4 3	56 52 49 40	28 31 33 34	11 12 14 23	544 544 543 539
<b>How difficult was the science part of this test?</b> A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	22 53 25	1 1 1	6 2 5	8 19 8	44 44 40	5 16 5	28 37 25	4 7 6	22 16 30	541 541 540	22 52 26	6 2 5	44 44 43	28 37 24	22 16 29	541 541 541	23 58 19	5 4 6	48 52 53	31 32 29	16 12 11	543 543 544
<b>How often do you have science classes?</b> A. every day B. a few times a week C. once a week D. a few times a month	51 48 0 1	1 2 0 0	2 5 0 0	12 21 0 1	29 55 0 100	17 9 0 0	41 24 0 0	11 6 0 0	27 16 0 0	537 544 0 554	51 47 0 2	2 5 0 0	29 55 0 100	41 24 0 0	27 16 0 0	537 544 0 553	33 45 8 15	5 4 4 4	51 52 50 52	31 32 30 30	14 11 16 14	543 544 542 543
<b>Which statement best describes how you learn science?</b> A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments. B. I work in groups to design and conduct experiments. C. I do a combination of A and B, mostly A. D. I do a combination of A and B, mostly B.	41 17 33 9	0 1 2 0	0 7 7 0	12 5 14 4	36 36 52 57	13 5 6 2	39 36 22 29	8 3 5 1	24 21 19 14	538 539 544 542	40 18 33 9	0 7 7 0	36 40 52 57	39 33 22 29	24 20 19 14	538 540 544 542	30 23 27 21	3 2 6 6	48 43 58 58	35 37 26 27	14 18 9 10	542 540 546 545
<b>How often do you make observations and collect data in science class?</b> A. a few times a week B. a few times a month C. once a month D. never or almost never	36 45 9 10	0 1 2 0	0 3 29 0	9 20 2 4	31 56 29 50	11 11 1 3	38 31 14 38	9 4 2 1	31 11 29 13	536 543 546 543	36 44 9 11	0 3 29 0	31 56 29 56	38 31 14 33	31 11 29 11	536 543 546 544	47 27 10 15	4 5 5 3	51 54 49 48	32 30 30 32	12 11 15 16	543 544 543 542
<b>How often do you use observations and data to support your idea about science?</b> A. a few times a week B. a few times a month C. once a month D. never or almost never	40 37 13 10	0 3 0 0	0 10 0 0	11 14 5 4	35 48 50 50	10 7 5 3	32 24 50 38	10 5 0 1	32 17 0 13	537 543 543 543	39 37 13 11	0 10 0 0	35 48 50 56	32 24 50 33	32 17 0 11	537 543 543 544	46 28 11 15	4 5 4 4	52 53 47 50	32 30 34 30	12 12 15 16	543 544 542 542
<b>Optional school/SAU question</b> A. B. C. D.	0 33 67 0	 0 0 0	 0 0 0	 0 1 50	 0 1 50	 1 100 50	 0 50 0	 0 0 0	 0 0 0	540 540 544	0 33 67 0	 0 0 0	 0 0 50	 100 50 50	 0 0 0	540 540 544	    	    	    	    	    	    

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number